USER MANUAL

Humalog® 200 units/ml solution for injection in pre-filled pen

insulin lispro

PLEASE READ THIS USER MANUAL BEFORE USE

Read the User Manual before you start taking Humalog 200 units/ml KwikPen™ solution for injection and each time you get another Humalog 200 units/ml KwikPen. There may be new information. This information does not take the place of talking to your healthcare professional about your medical condition or your treatment.

Humalog 200 units/ml KwikPen (“Pen”) is a disposable pen containing 3 ml (600 units, 200 units/ml) of insulin lispro solution for injection. You can inject from 1 to 60 units in a single injection.

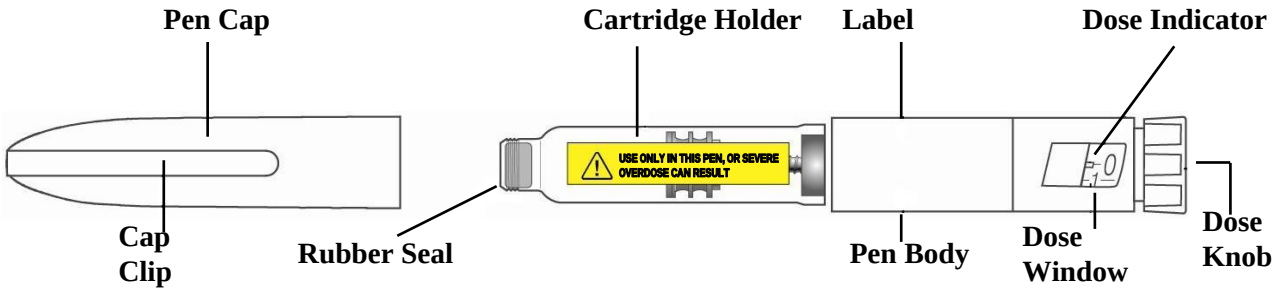
This pen is designed to allow you to give more doses than other pens you may have used in the past. Dial your usual dose as instructed by your healthcare professional.

Humalog KwikPen is available in two strengths, 100 units/ml and 200 units/ml. Inject Humalog 200 units/ml ONLY with your Pen. DO NOT transfer insulin from your Pen to another insulin delivery device. Syringes and insulin pumps will not dose 200 units/ml insulin correctly. A severe overdose can result, causing very low blood sugar which may put your life in danger.

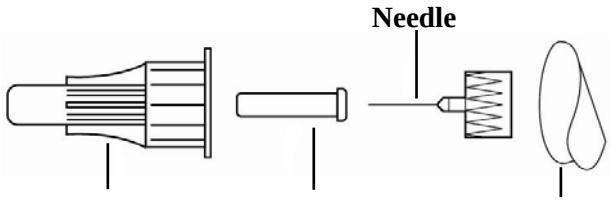
Do not share your Pen or needles with anyone else. You may give an infection to them or get an infection from them.

This Pen is not recommended for use by the blind or visually impaired without the help of someone trained to use the Pen.

KwikPen Parts



Pen Needle Parts (Needles Not Included)



Dose Knob

End burgundy ring

How to recognize your Humalog 200 units/ml KwikPen:

- Pen colour: Dark grey
- Dose Knob: Dark grey with burgundy ring on the end
- Labels: Burgundy, “200 units/ml” in yellow box
  Yellow warning on cartridge holder

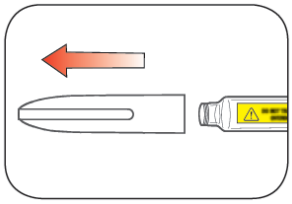
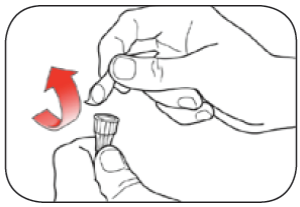
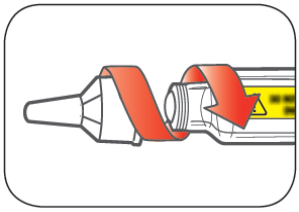
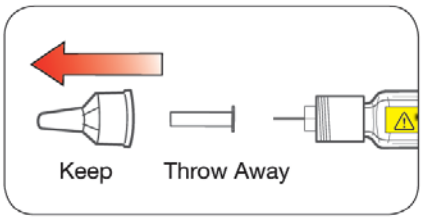
Supplies needed to give your injection:

- Humalog 200 units/ml KwikPen
- KwikPen compatible needle (BD [Becton, Dickinson and Company] pen needles recommended)
- Alcohol swab

Needles and alcohol swab are not included.

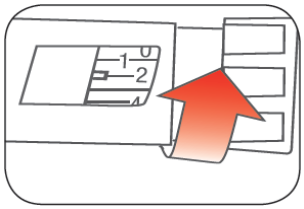
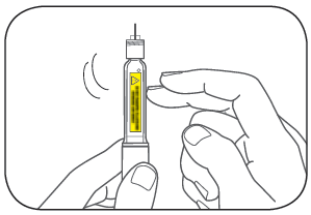
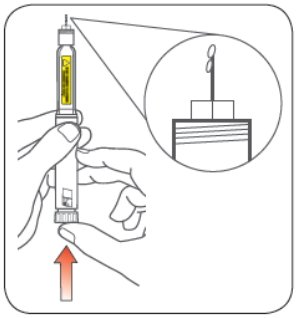
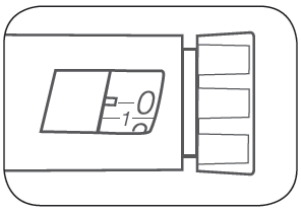
Step 1: Preparing your Pen

- Wash your hands with soap and water.
- Check the Pen to make sure you are taking the right type of insulin. This is especially important if you use more than 1 type of insulin.
- **Do not** use your Pen past the expiration date printed on the Label.
- Always use a **new needle** for each injection to help prevent infections and prevent blocked needles.

Step 1a: Pull the Pen Cap straight off. • **Do not** twist the cap. • **Do not** remove the Pen Label. Wipe the Rubber Seal with an alcohol swab. Humalog 200 units/ml solution for injection should look clear and colourless. **Do not** use if it is thick, cloudy, coloured, or has particles or clumps in it.	
Step 1b: Select a new Needle. Pull off the Paper Tab from the Outer Needle Shield.	
Step 1c: Push the capped Needle straight onto the Pen and twist the Needle on until it is tight.	
Step 1d: Pull off the Outer Needle Shield. **Do not** throw it away. Pull off the Inner Needle Shield and throw it away.	

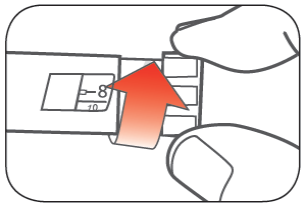
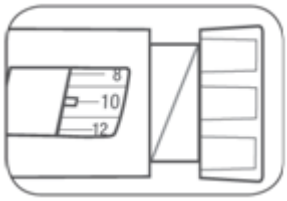
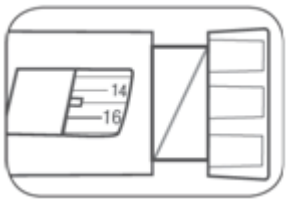
Step 2: Priming your Pen

Prime before each injection. Priming ensures the Pen is ready to use and removes air that may collect in the cartridge during normal use. If you **do not** prime before each injection, you may get too much or too little insulin.

Step 2a: Turn the Dose Knob to **select 2 units**.	
Step 2b: Hold your Pen with the Needle pointing up. Tap the Cartridge Holder gently to collect air bubbles at the top.	
Step 2c: Continue holding your Pen with Needle pointing up. Push the Dose Knob in until it stops, and "**0**" is seen in the Dose Window. Hold the Dose Knob in and **count to 5 slowly**. • You should see insulin at the tip of the needle. ▪ If you **do not** see insulin, repeat the priming steps, but not more than 8 times. ▪ If you **still do not** see insulin, change the needle and repeat the priming steps. Small air bubbles are normal and will not affect your dose.	 

Step 3: Selecting your dose

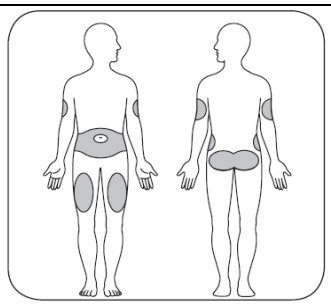
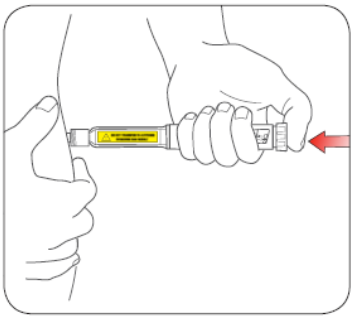
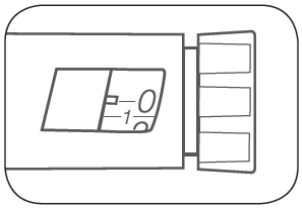
This pen has been designed to deliver the dose that is shown in the window. Dial your usual dose as instructed by your healthcare professional.

Step 3a: Turn the Dose Knob to select the number of units you need to inject. The Dose Indicator should line up with your dose. • The dose can be corrected by turning the Dose Knob in either direction until the correct dose lines up with the Dose Indicator. • The **even** numbers are printed on the dial. • The **odd** numbers, after the number 1, are shown as full lines.	  (Example: 10 units shown)  (Example: 15 units shown)

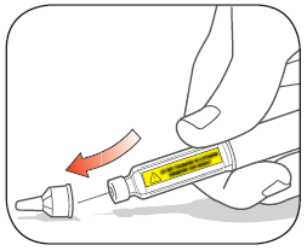
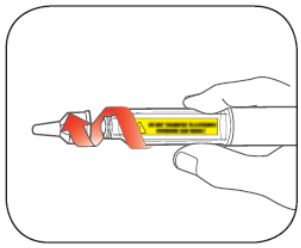
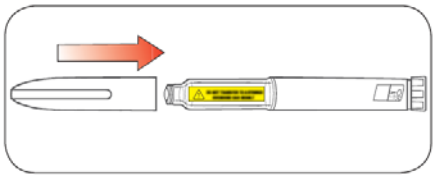
- The Pen will not let you dial more than the number of units left in the Pen.
- The Pen is designed to deliver a total of 600 units of insulin. The cartridge contains an additional small amount of insulin that cannot be delivered. **Do not transfer this to a syringe or an insulin pump. Severe overdose can result.**
- If your dose is more than the number of units left in the Pen, you may either:
    - inject the amount left in your Pen and then use a new Pen to give the rest of your dose, **or**
    - get a new Pen and inject the full dose.

Step 4: Giving your injection

- Inject your insulin as your healthcare professional has shown you.
- Change (rotate) your injection site for each injection.
- **Do not** try to change your dose while injecting.

Step 4a: Choose your injection site. Humalog 200 units/ml solution for injection is injected under the skin (subcutaneously) of your stomach area, buttocks, upper legs or upper arms. Wipe the skin with an alcohol swab, and let the injection site dry before you inject your dose.	
Step 4b: Insert the Needle into your skin. Put your thumb on the Dose Knob and push the Dose Knob in until it stops. Hold the Dose Knob in and **slowly count to 5**.	
Step 4c: Pull the Needle out of your skin. You should see "**0**" in the Dose Window. If you do not see "**0**" in the Dose Window, you did not receive your full dose. A drop of insulin at the needle tip is normal. It will not affect your dose. **If you do not think you received your full dose, do not take another dose.** If you have questions, contact your healthcare professional. If you see blood after you take the Needle out of your skin, press the injection site lightly with a piece of gauze or an alcohol swab. **Do not** rub the area.	

Step 5: After your injection

Step 5a: Carefully replace the Outer Needle Shield.	
Step 5b: Unscrew the capped Needle and dispose of it as directed by your healthcare professional. Do not store the Pen with the Needle attached to prevent leaking, blocking of the Needle, and air from entering the Pen.	
Step 5c: Replace the Pen Cap by lining up the Cap Clip with the Dose Indicator and pushing straight on.	

Step 6: Disposing of Pens and Needles

- Put used needles in a closeable, puncture-resistant sharps container.
- Do not recycle the filled sharps container.
- Ask your healthcare professional about options to dispose of the sharps container properly.
- The directions regarding needle handling are not intended to replace local, healthcare professional or institutional policies.

Storing your Pen

In-use Pen

- The Pen you are currently using should be stored at room temperature (below 30°C) and away from heat and light.
- The Pen you are using should be thrown away after 28 days, even if it still has insulin left in it.

Unused Pens

- Store unused Pens in the refrigerator at 2°C to 8°C.
- **Do not** freeze Humalog 200 units/ml solution for injection. **Do not** use if it has been frozen.
- Unused Pens may be used until the expiration date printed on the Label, if the Pen has been kept in the refrigerator.

General information about the safe and effective use of your Pen

- **Keep your Pen and needles out of the sight and reach of children.**
- **Do not** use your Pen if any part looks broken or damaged.
- Always carry an extra Pen in case yours is lost or damaged.
- If you cannot remove the Pen Cap, gently twist the cap back and forth, and then pull the cap straight off.
- If it is hard to push the Dose Knob or the Pen is not working the right way:
  - Your Needle may be blocked. Put on a new Needle and prime the Pen.
  - You may have dust, food, or liquid inside the Pen. Throw the Pen away and get a new Pen.
  - It may help to push the Dose Knob more slowly during your injection.
- Do not transfer insulin from the Pen to a syringe or an insulin pump. Severe overdose can result**.**

If you have any questions or problems with your Humalog 200 units/ml KwikPen, call your healthcare professional for help or contact your local Lilly affiliate.

Document revision date: September 2014